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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/020,034	12/07/2001	Jozef D. Mitros	TI-32931	8951

23494 7590 03/03/2004

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EXAMINER

PHAM, LONG

ART UNIT	PAPER NUMBER
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2814

DATE MAILED: 03/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

10/020,034

Applicant(s)

MITROS ET AL.

Examiner

Long Pham

Art Unit

2814

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED _____ FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.
- NOTE: _____.
3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: 1-17, 20-25 and 28-30.

Claim(s) objected to: _____.

Claim(s) rejected: 18, 19, 26, and 27.

Claim(s) withdrawn from consideration: _____.

8. ☐ The drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____

Long Pham
Primary Examiner
Art Unit: 2814

DETAILED ACTION

Response to Amendment after final or Advisory Action

Status of the amendment after final rejection

The amendment after final has been entered.

Status of the pending claims after final rejection

See the final rejection.

Response to Arguments

Applicant's arguments filed 09/22/03 have been fully considered but they are not persuasive.

In response to the applicant's arguments in the paragraph at the bottom of page 15 of action dated 02/04/04, Nakahara broadly teaches forming source/drain region of a MOS and adjusting the threshold voltage of another MOS by a single implantation. Lin teaches forming source/drain region of a MOS or a high voltage MOS and adjusting the threshold voltage of another MOS or low voltage MOS by two separate implantations. It is submitted that it would have been obvious to one skilled in semiconductor art to form the source/drain region of the MOS or high voltage MOS and adjusting the threshold voltage of another MOS or low voltage MOS by a single implantation to obtain high-speed MOS as taught by Nakahara. See the rejection.

In response to the applicant's arguments in the paragraph at the top of page 16 of action dated 02/04/04, it is submitted that the prior art motivation or advantage may be different than that of applicants while still supporting a conclusion of obviousness. In *Re Wiseman* 201 USPQ 658 (CCPA); *Ex Parte Obiaya* 227 USPQ 58 (Bd. of App. 1985).

In response to the applicant's arguments in the third paragraph on page 16 of action dated 02/04/04, the applicant is directed to the rejection.

With respect to the applicant's arguments regarding the rejection of claims 26 and 27, the applicant is directed to the above responses.

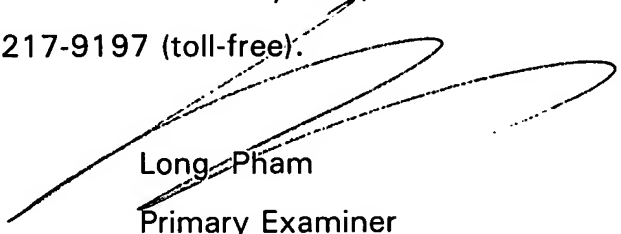
1. Claims 1-17, 20-25, and 28-30 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Long Pham whose telephone number is 703-308-1092. The examiner can normally be reached on M-F, 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy can be reached on 703-308-4918. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Long Pham
Primary Examiner
Art Unit 2814

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